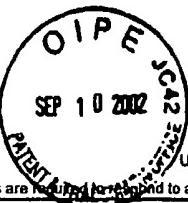


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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known Application Number <u>10/081,864</u> Filing Date <u>February 20, 2002</u> First Named Inventor <u>LUKYANOV, SERGEY</u> Group Art Unit <u>1646</u> Examiner Name <u>Unassigned</u>	
Sheet	<u>1</u>	of	<u>1</u>	Attorney Docket Number	<u>CLON-067</u>
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<u>JHR</u>		WO	01 27150A	Fradkov et al.	04-19-01	

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<u>JHR</u>		RONALD WETZEL "Mutations and off-pathway aggregation of proteins" <i>Tibtech</i> , May 1994 (Vol. 12) pp. 193-198			
		GEOFFREY S. BAIRD et al. "Biochemistry, mutagenesis, and oligomerization of DsRed, a red fluorescent protein from coral" <i>PNAS</i> , October 24, 2000, Vol. 97, No. 22 pp. 11984-11989.			
		MARK A. WALL et al. "The structural basis for red fluorescence in the tetrameric GFP homolog DsRed" <i>Nature Structural Biology</i> , Vol. 7, No. 12, December 2000, pp. 1133-1138.			
		JENS WIEHLER et al. "Mutants of Discosoma red fluorescent protein with a GFP-like chromophore" <i>FEBS Letter</i> , 487 (2001) pp. 384-389.			

Examiner Signature	<u>Chloe Robinson</u>	Date Considered	<u>9/13/04</u>
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/081,864
(use as many sheets as necessary)		Filing Date	February 20, 2002
		First Named Inventor	LUKYANOV, SERGEY
		Group Art Unit	1645
		Examiner Name	Unassigned
Sheet	2	of	2
		Attorney Docket Number	CLON-067

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<i>dk</i>		GURSKAYA et al. "Color transitions in coral's fluorescent proteins by site-directed mutagenesis" <i>BMC biochemistry</i> (2001) 2:6
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		MAČEK, et al. "Intrinsic tryptophan fluorescence of equinatoxin II, a pore-forming polypeptide from the sea anemone <i>Actinia equina</i> L, monitors its interaction with lipid membranes", <i>Eur. J. Biochem.</i> , (1995) Vol. 234: 329-335.
		MARTYNOV, et al. "Alternative cyclization in GFP-like proteins family", <i>J. Bio. Chem.</i> , (2001) Vol. 276(24): 21012-21016.
		MATZ, et al. "Fluorescent proteins from nonbioluminescent Anthozoa species", <i>Nature Biotechnology</i> , (1999) Vol. 17: 969-973.
		TERSKIKH, et al. "Fluorescent timer": Protein that changes color with time", <i>Science</i> , (2000) Vol. 290: 1585-1588.
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		WARD, et al. "An energy transfer protein in coelenterate bioluminescence", <i>J. Bio. Chem.</i> , (1979) Vol. 254(4): 781-787.
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		YANUSHEVICH, et al. "A strategy for the generation on non-aggregating mutants of Anthozoa fluorescent proteins", <i>FEBS</i> , (2002) Vol. 511: 11-14.
<i>✓</i>		YARBROUGH, et al. "Refined crystal structure of DsRed, a fluorescent protein from coral, at 2.0-resolution", <i>PNAS</i> , (2001) Vol. 98(2): 462-467.

Examiner Signature	<i>dk</i>	Date Considered	9/13/04
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		Number	Kind Code ² (if known)		
✓		5,491,084		Chalfie et al.	02-13-1996
✓		5,874,304		Zolotukhin	02-23-1999
✓		5,919,445		Chao	07-06-1999
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✓		5,968,750		Zolotukhin et al.	10-19-1999
✓		5,976,796		Szalay et al.	11-02-1999
✓		5,985,577		Bulinski	11-16-1999
✓		6,020,192		Muzyczka et al.	02-01-2000
✓		6,066,476		Tsien et al.	05-23-2000

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✓		WO 99/49019		Szent-Gyorgyi	09-30-1999
✓		WO 00/46233		Hoegh-Guldberg	02-02-2000
✓		DE19718640A1		Windermann	07/22/1999

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✓		ANDERLUH, et al. "Cloning, sequencing, and expression of equinatoxin II", <i>Biochem. Biophys. Res. Comm.</i> , (1996) Vol. 220: 437-442.			
✓		DOVE et al. "Isolation and Partial Characterization of the Pink and Blue Pigments of Pacilloporid" <i>Biol. Bull.</i> 189:288-297 (December, 1995)			
✓		FRADKOV et al. "Novel Fluorescent protein from Discosoma coral and its mutants possesses a unique far-red fluorescence" <i>FEBS Letters</i> 479 (2000) 127-130			
✓		GURSKAYA et al. "GFP-like chromoproteins as a source of far-red fluorescent proteins" <i>FEBS Letters</i> 507 (2001) 16-20			

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